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NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	May 12 EXTEND option available in structure searching
NEWS	4	May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CAlplus
NEWS	6	May 27 CAlplus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02 CAlplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS EXPRESS	JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:34:02 ON 10 AUG 2004

=> FIL BIOSIS EMBASE MEDLINE LIFESCI CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'BIOSIS' ENTERED AT 12:34:21 ON 10 AUG 2004

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FILE 'EMBASE' ENTERED AT 12:34:21 ON 10 AUG 2004

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FILE 'MEDLINE' ENTERED AT 12:34:21 ON 10 AUG 2004

FILE 'LIFESCI' ENTERED AT 12:34:21 ON 10 AUG 2004

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FILE 'CAPLUS' ENTERED AT 12:34:21 ON 10 AUG 2004

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=> DNA (1a) contamination (2a) restriction(1a) endonuclease

DNA IS NOT A RECOGNIZED COMMAND

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"HELP COMMANDS" at an arrow prompt (=>).

=> s DNA (1a) contamination (2a) restriction(1a) endonuclease

L1 2 DNA (1A) CONTAMINATION (2A) RESTRICTION(1A) ENDONUCLEASE

=> d l1

L1 ANSWER 1 OF 2 MEDLINE on STN

AN 86320243 MEDLINE

DN PubMed ID: 3019129

TI **DNA contamination in commercial restriction
endonucleases.**

AU Firnhaber C; Gerber M; Tooley K; Scoggin C

SO American journal of human genetics, (1986 Jul) 39 (1) 145.

Journal code: 0370475. ISSN: 0002-9297.

CY United States

DT Letter

LA English

FS Priority Journals

EM 198610

ED Entered STN: 19900321

Last Updated on STN: 19900321

Entered Medline: 19861003

=> s DNA (2a) contamination (s) PCR

L2 400 DNA (2A) CONTAMINATION (S) PCR

=> s l2 and restriction (1a) endonuclease

L3 18 L2 AND RESTRICTION (1A) ENDONUCLEASE

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 8 DUP REM L3 (10 DUPLICATES REMOVED)

=> d l4 1-8

L4 ANSWER 1 OF 8 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN

AN 2002421955 EMBASE
 TI A more accurate detection of codon 72 polymorphism and LOH of the TP53 gene.
 AU Baccouche S.; Mabrouk I.; Said S.; Mosbah A.; Jlidi R.; Gargouri A.
 CS A. Gargouri, Lab. 'Genet. Molec. des Eucaryotes', Centre de Biotechnologie de Sfax, BP'K' 3038, Sfax, Tunisia. faouzi.gargouri@cbs.rnrt.tn
 SO Cancer Letters, (10 Jan 2003) 189/1 (91-96).
 Refs: 24
 ISSN: 0304-3835 CODEN: CALEDQ
 PUI S 0304-3835(02)00405-6
 CY Ireland
 DT Journal; Article
 FS 016 Cancer
 022 Human Genetics
 LA English
 SL English

L4 ANSWER 2 OF 8 LIFESCI COPYRIGHT 2004 CSA on STN
 AN 2002:69705 LIFESCI
 TI A bacterial artificial chromosome (BAC) library for sunflower, and identification of clones containing genes for putative transmembrane receptors
 AU Gentzbittel, L.; Abbott, A.; Galaud, J.P.; Georgi, L.; Fabre, F.; Liboz, T.; Alibert, G.
 CS INP-ENSAT, Laboratoire de Biotechnologie et Amelioration des Plantes, Pole de Biotechnologie Vegetale, 18 Chemin de Borde Rouge, BP17, Auzeville, 31326 Castanet Tolosan, France; E-mail: gentzbittel@ensat.fr
 SO Molecular Genetics and Genomics [Mol. Genet. Genomics], (20020200) vol. 266, no. 6, pp. 979-987.
 ISSN: 1617-4615.
 DT Journal
 FS G
 LA English
 SL English

L4 ANSWER 3 OF 8 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
 AN 2002076888 EMBASE
 TI A bacterial artificial chromosome (BAC) library for sunflower, and identification of clones containing genes for putative transmembrane receptors.
 AU Gentzbittel L.; Abbott A.; Galaud J.P.; Georgi L.; Fabre F.; Liboz T.; Alibert G.
 CS L. Gentzbittel, INP-ENSAT, L. Biotechnol./Amelioration Plantes, Pole de Biotechnologie Vegetale, 18 Chemin de Borde Rouge, Auzeville 31326 Castanet Tolosan, France. gentzbittel@ensat.fr
 SO Molecular Genetics and Genomics, (2001) 266/6 (979-987).
 Refs: 61
 ISSN: 1617-4615 CODEN: MGGOAA
 CY Germany
 DT Journal; Article
 FS 029 Clinical Biochemistry
 LA English
 SL English

L4 ANSWER 4 OF 8 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
 AN 2001182035 EMBASE
 TI MtDNA from extinct Tainos and the peopling of the Caribbean.
 AU Lalueza-Fox C.; Calderon L.; Calafell F.; Morera B.; Bertranpetit J.
 CS J. Bertranpetit, Unitat de Biologia Evolutiva, Fac. Ciencies de la Salut de la Vida, Universitat Pompeu Fabra, C. Dr. Aiguader 80, 08003 Barcelona, Spain. jaume.bertranpetit@cexs.upf.es
 SO Annals of Human Genetics, (2001) 65/2 (137-151).

Refs: 50
 ISSN: 0003-4800 CODEN: ANHGAA
 CY United Kingdom
 DT Journal; Article
 FS 001 Anatomy, Anthropology, Embryology and Histology
 022 Human Genetics
 LA English
 SL English

L4 ANSWER 5 OF 8 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
 on STN
 AN 2001212421 EMBASE
 TI Genotyping of cytochrome P450 2D6 *3 and *4 mutations using conventional
 PCR.
 AU Schur B.C.; Bjerke J.; Nuwayhid N.; Wong S.H.
 CS S.H. Wong, Department of Pathology, Medical College of Wisconsin, P.O. Box
 26509, Milwaukee, WI 53226, United States. shwong@mcw.edu
 SO Clinica Chimica Acta, (2001) 308/1-2 (25-31).
 Refs: 23
 ISSN: 0009-8981 CODEN: CCATAR
 PUI S 0009-8981(01)00422-3
 CY Netherlands
 DT Journal; General Review
 FS 022 Human Genetics
 027 Biophysics, Bioengineering and Medical Instrumentation
 029 Clinical Biochemistry
 LA English
 SL English

L4 ANSWER 6 OF 8 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 1
 AN 1998:271469 BIOSIS
 DN PREV199800271469
 TI Using 2-step and **restriction endonuclease** digestion to
 detect K-ras mutation in paraffin-embedded tissues: Is it reliable?.
 AU Su, Wu-Chou; Chow, Nan-Haw; Huang, Chia-Huy; Liu, Hsiao-Sheng [Reprint
 author]
 CS Dep. Microbiol. Immunol., Coll. Med., Natl. Cheng Kung Unvi., Tainan,
 Taiwan
 SO Journal of Clinical Laboratory Analysis, (1998) Vol. 12, No. 3, pp.
 168-171. print.
 CODEN: JCANEM. ISSN: 0887-8013.
 DT Article
 LA English
 ED Entered STN: 24 Jun 1998
 Last Updated on STN: 24 Jun 1998

L4 ANSWER 7 OF 8 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 2
 AN 1995:163460 BIOSIS
 DN PREV199598177760
 TI Comparison of methods for isolation of Mycobacterium avium complex DNA for
 use in PCR and RAPD fingerprinting.
 AU Via, Laura E. [Reprint author]; Falkinham, Joseph O., III
 CS Dep. Microbiology, Univ. Tex. Health Science Cent. San Antonio, 7703 Floyd
 Curl Dr., San Antonio, TX 78284, USA
 SO Journal of Microbiological Methods, (1995) Vol. 21, No. 2, pp. 151-161.
 CODEN: JMIMDQ. ISSN: 0167-7012.
 DT Article
 LA English
 ED Entered STN: 11 Apr 1995
 Last Updated on STN: 11 Apr 1995

L4 ANSWER 8 OF 8 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

DUPLICATE 3
 AN 1993:208736 BIOSIS
 DN PREV199395109961
 TI **Restriction endonuclease** digestion eliminates product
 contamination in reverse transcribed polymerase chain reaction.
 AU Dougherty, Robert M. [Reprint author]; Phillips, Paul E.; Gibson, Sandra;
 Young, Lisa
 CS Dep. Microbiol. Immunology, SUNY Health Sci. Cent. at Syracuse, 750 East
 Adams Street, Syracuse, NY 13210, USA
 SO Journal of Virological Methods, (1993) Vol. 41, No. 2, pp. 235-238.
 CODEN: JVMEDH. ISSN: 0166-0934.
 DT Article
 LA English
 ED Entered STN: 23 Apr 1993
 Last Updated on STN: 24 Apr 1993

=> s eleminating (2a) contamination (s) PCr (1a) reagents
 L5 0 ELEIMINATING (2A) CONTAMINATION (S) PCR (1A) REAGENTS

=> s eliminating (2a) contamination (s) PCr (1a) reagents
 L6 1 ELIMINATING (2A) CONTAMINATION (S) PCR (1A) REAGENTS

=> d 16

L6 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:417544 BIOSIS
 DN PREV199800417544
 TI **Eliminating DNA contamination in PCR**
reagents when using primers for conserved 16S ribosomal DNA.
 AU Osborn, W. B. [Reprint author]; Somes, J. B.; Lightfoot, D. [Reprint
 author]
 CS East. Wash. Univ., Cheney, WA, USA
 SO Abstracts of the General Meeting of the American Society for Microbiology,
 (1998) Vol. 98, pp. 393. print.
 Meeting Info.: 98th General Meeting of the American Society for
 Microbiology. Atlanta, Georgia, USA. May 17-21, 1998. American Society for
 Microbiology.
 ISSN: 1060-2011.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 2 Oct 1998
 Last Updated on STN: 2 Oct 1998

=> FIL STNGUIDE
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
55.65	55.86

FILE 'STNGUIDE' ENTERED AT 12:38:41 ON 10 AUG 2004
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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Aug 6, 2004 (20040806/UP).

L Number	Hits	Search Text	DB	Time stamp
6	81	ALu adj1 I same PCR	USPAT; US-PGPUB; DERWENT	2004/08/10 11:29
7	2892	contamination same PCR	USPAT; US-PGPUB; DERWENT	2004/08/10 11:29
8	652	((contamination same PCR) and restriction adj1 endonuclease	USPAT; US-PGPUB; DERWENT	2004/08/10 11:30
9	72	((contamination same PCR) and restriction adj1 endonuclease) and Alu	USPAT; US-PGPUB; DERWENT	2004/08/10 11:45
10	1037	DNA adj1 contamination	USPAT; US-PGPUB; DERWENT	2004/08/10 11:45
11	978	(DNA adj1 contamination) and PCR	USPAT; US-PGPUB; DERWENT	2004/08/10 11:46
12	1682916	((DNA adj1 contamination) and PCR) remove or eliminate	USPAT; US-PGPUB; DERWENT	2004/08/10 11:46
13	978	((DNA adj1 contamination) and PCR) and (((DNA adj1 contamination) and PCR) remove or eliminate)	USPAT; US-PGPUB; DERWENT	2004/08/10 11:46
14	26712	((DNA adj1 contamination) and PCR) and (((DNA adj1 contamination) and PCR) remove or eliminate)) endonuclease	USPAT; US-PGPUB; DERWENT	2004/08/10 11:46
15	322	((DNA adj1 contamination) and PCR) and (((DNA adj1 contamination) and PCR) remove or eliminate)) and endonuclease	USPAT; US-PGPUB; DERWENT	2004/08/10 11:47